

Quick Installation Guide

1/2.8" Network Full HD Speed Dome, PTZ, 18x, Day&Night PXD-2018PTZ1080



Safety Instructions

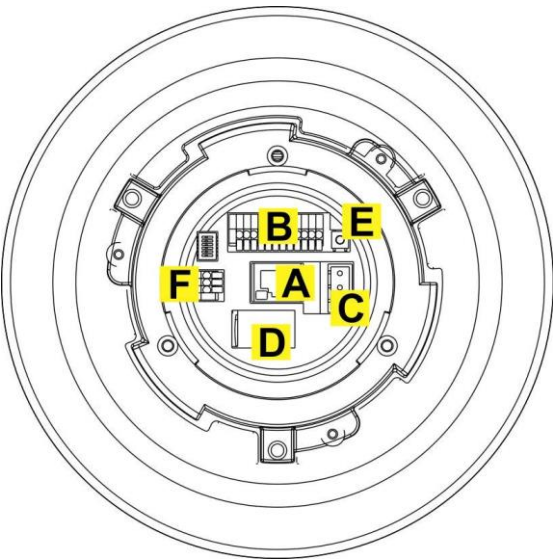
- Read these safety instructions and the operation manual first before you install and commission the camera.
- Keep the manual in a safe place for later reference.
- Protect your camera from contamination with water and humidity to prevent it from permanent damage. Never switch the camera on when it gets wet. Have it checked at an authorized service center in this case.
- Never operate the camera outside of the specifications as this may prevent the camera functioning.
- Do not operate the cameras beyond their specified temperature, humidity or power ratings.
- Operate the camera only at a temperature range of -40°C to +50°C and at a humidity of max. 90%.
- To disconnect the power cord of the unit, pull it out by the plug. Never pull the cord itself.
- Pay attention when laying the connection cable and observe that the cable is not subject to heavy loads, kinks, or damage and no moisture can get in.
- Do not attempt to disassemble the camera board from the dome.
- The warranty becomes void if repairs are undertaken by unauthorized persons.
Do not open the camera housing.
- Never point the camera towards the sun with the aperture open. This can destroy the sensor.
- Installation, maintenance and repair have to be carried out only by authorized service centers. Before opening the cover disconnect the unit from mains input.
- Contact your local dealer in case of malfunction.
- Only use original parts and original accessories from Videor E. Hartig GmbH.
- Do not use strong or abrasive detergents when cleaning the dome.
Use a dry cloth to clean the dome surface. In case the dirt is hard to remove, use a mild detergent and wipe gently.
- All openings provided in the housing for assembly purposes must be closed and/or sealed.
- **The installer is responsible for ensuring that the degree of protection as per the technical specifications is upheld, e.g. by using all enclosed gasket seals and O-rings, by waterproofing the cable exits with silicon or through laying the cable in such a way that the cable does not act as a „gutter“.**
- **During assembly, care must be taken to ensure that existing seals are correctly inserted and are not displaced as a result of assembly.**
You must not continue to use damaged seals.

NOTE:

This is a class A digital device. This digital device can cause harmful interference in a residential area; in this case the user may be required to take appropriate corrective action at his/her own expense.

This Quick Guide is for quick installing and connecting the network Speed Dome IP Camera. For details, please refer to the camera's User Manual and Installation Guide.

Switch Definition



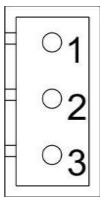
Outdoor

A	RJ-45 Connector
B	ALARM I/O
C	Power
D	Micro SD Card Slot
E	Factory Reset Button
F	Audio I/O

Power & Audio Connector Definition

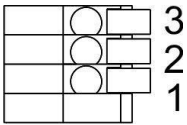
Please refer to the illustrations below to connect power core through the supplied power adaptor, and set up the audio according to the Audio pin definition.

Power Connector



Pin	Definition
1	AC 24_1
2	FG
3	AC 24_2

Audio Connector



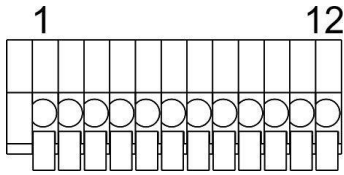
Pin	Definition
1	LINE_OUT
2	GND
3	LINE_IN



To power up the Camera, please connect the Ethernet cable to the Camera's Ethernet Port and plug the other end of the cable into an IEEE 802.3at High Power over Ethernet (PoE Plus) Switch. If there is a need to operate the Heater for Outdoor Models, please plug the AC 24V cable into the Camera's Power Connector to power up the Camera instead.

Alarm I/O Connector

When cabling, please refer to the table below for pin definition of the Alarm I/O setting



Pin	Definition
1	ALARM_OUT_NO_1
2	ALARM_OUT_NC_1
3	ALARM_OUT_COM_1
4	GND
5	ALARM_OUT_NO_2
6	ALARM_OUT_NC_2

Pin	Definition
7	ALARM_OUT_COM_2
8	GND
9	ALARM_IN_4
10	ALARM_IN_3
11	ALARM_IN_2
12	ALARM_IN_1

Before Login to the Camera

A client program will be automatically installed on your PC when connecting to the network Speed Dome Camera. Before logging in to the Dome Camera, please ensure downloading the ActiveX control is allowed by either changing the ActiveX controls and plug-ins or setting Internet's security level to default. For further details, please refer to the network Speed Dome Camera's Software Guide.

ActiveX Controls and Plug-ins Settings	Internet Security Level
Step 1: Start the Internet Explorer (IE). Step 2: Select <Tools> from the main menu of the browser. Then Click on <Internet Options>. Step 3: Click on the <Security> tab and select "Internet", and click on <Custom level> to change ActiveX settings. Step 4: Set "ActiveX controls and plug-ins" items to <Prompt> or <Enable>.	Step 1: Start the IE. Step 2: Select <Tools> from the main menu of the browser. Then Click on <Internet Options>. Step 3: Click on the <Security> tab and select "Internet." Step 4: Down the page, press "Default Level" and click on <OK> to confirm the setting. Close the browser window, and open a new one later for accessing the IP Camera

Camera Login

The network Speed Dome Camera's default IP address is: **192.168.1.10**. Therefore, to access the camera for the first time, set the PC's IP address as: 192.168.1.XXX; for example:

IP Address: 192.168.1.20

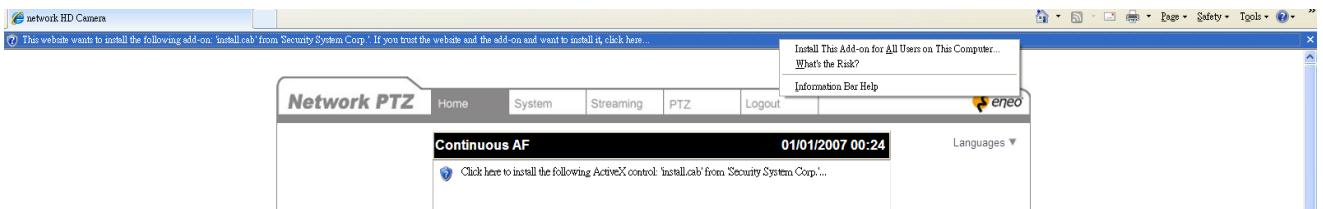
Subnet Mask: 255.255.255.0

Login ID & Password

- Key in the camera's IP address in the URL bar of the Web browser window and press "Enter."
- Enter the default user name (**admin**) and password (**admin**) in the prompt request dialogue.
Note that user name is case sensitive.

Install the ActiveX Control

- After connecting to the network Speed Dome Camera, the request for installing the ActiveX control will appear just below the URL bar.
- Right Click on the information bar, and press "Install ActiveX Control..." to permit ActiveX control installation.



- In the pop-up security warning window, click on "Install" to start downloading DC Viewer software on the PC.
- Click on "Finish" after DC Viewer installation is complete.

Browser-based

The main page of the network Speed Dome Camera user interface is as shown below.



Technical Specifications

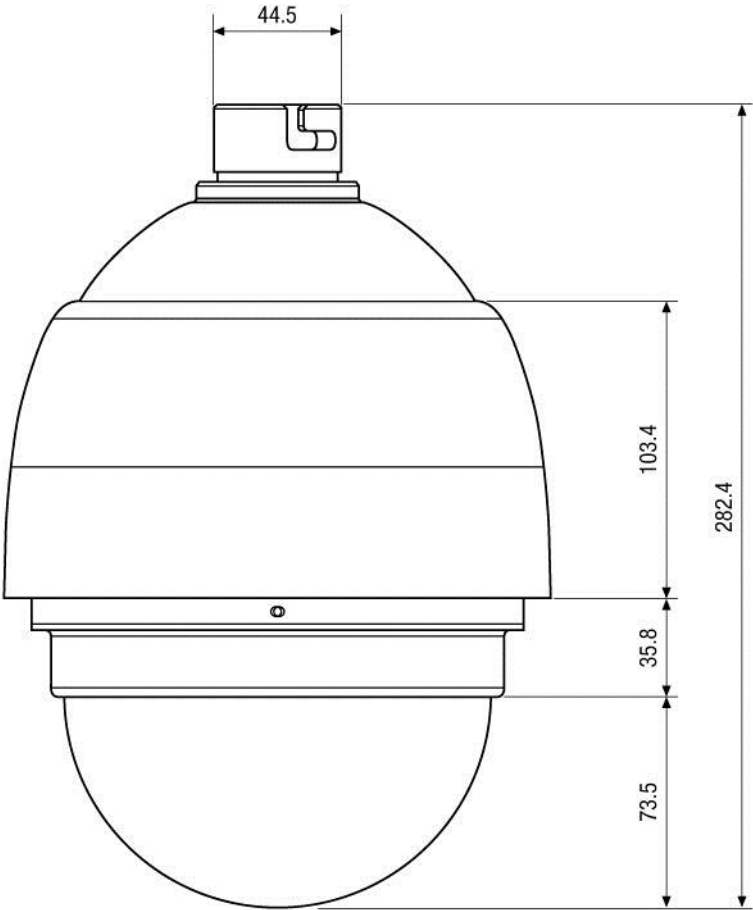
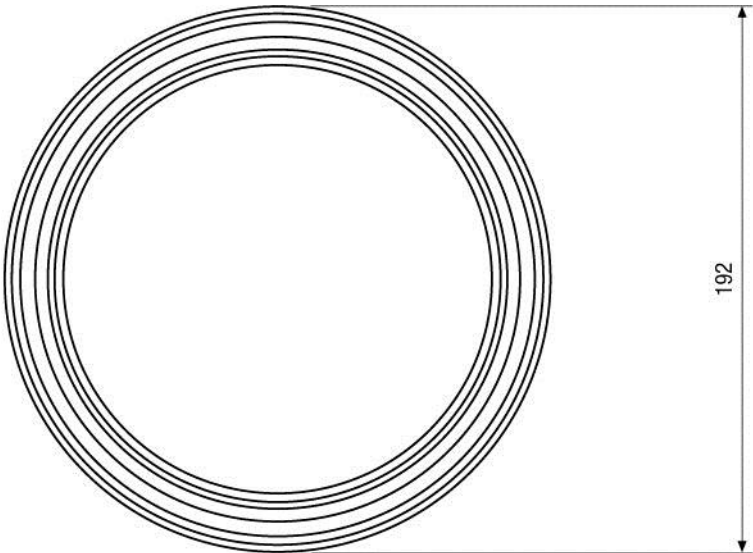
Type	PXD-2018PTZ1080
Art. No.	200824
Resolution standard	HD 1080p
System	True Day&Night
Sensor size	1/2.8"
Imager	CMOS Sony Progressive Scan
Sensitivity (at 50% video signal)	0.1Lux (colour); 0.03Lux (B&W)
Automatic gain control (AGC)	supplied
Automatic electronic shutter (ESC)	1/25 ~ 1/10,000sec.
Digital Noise Reduction (DNR)	yes, 2D-DNR
Low speed shutter	yes, ON/OFF switchable
White balance	automatic, indoor, outdoor, ATW, manual
Backlight compensation	BLC
Wide Dynamic Range (WDR)	Yes, D-WDR
IR cut filter	switchable
Resolution max.	1920x1080
Resolution	1920x1080 (16:9), 1280x1024 (5:4), 1280x720 (16:9), 1024x768 (4:3), 800x600 (4:3), 720x480 (4:3), 640x480 (4:3), 352x288 (4:3)
Image transmission rate max.	25 images/sec.
Frame rate	25fps at 704x576
Privacy zones masking	16 zones masking, ON/OFF switchable
Activity detection	yes
Motion detector	10 zones
Analysis functions	activity detection
Text display	supplied
Sharpness correction	adjustment range: 0 ~ 15
Menu languages	German, English, French, Italian, Russian, Spanish
OSD function control	resolution, presets, motion detection, BLC, DNR, WDR, bit rate, day&night, password
External connections	alarm input, alarm output, audio input, audio output
Video outputs	no
Audio support	yes
Audio	1/1 Line input and output
Alarm inputs	4
Alarm output	2
Alarm processing	SD-card recording, alarm out, FTP, E-Mail, PTZ action
Internal storage	Micro SD card / SD HC 32GB
Compression standard	H.264, MJPEG
Audio standards	G.711, G.726, ADPCM/AAC
Bandwidth	controllable bandwidth and frame rate
Stream types	H.264, MJPEG multiple
Network connection	RJ-45
Network interface	10Base-T, 100Base-TX
Web browser	MS Internet Explorer vers. 7.0 or higher, Safari (Java), Mozilla Firefox (Java), Google Chrome (Java)
Network protocols	TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP,

	FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, IPv4, IPv6, IEE 802.1
Lens type	auto focus zoom
Lens mount	-
Focal length	4.7mm – 84.6mm
Horizontal angle of view	55.2° - 3.2°
Aperture range	F1.6 ~ F2.7
Digital zoom	8x
Iris control	DC
Focus control	automatic and manual
MOD (Minimum object distance)	1m
Illumination	no
Serial interfaces	no
Remote configuration	via web browser, remote software
Firmware update	via network interface
Operation protection	Password protected
Password protection	yes, two levels (administrator and user)
e-PTZ support	no
Speed (manual control)	1-80°/sec.
Preset speed	up to 400°/sec.
Rotation range	Continuous: 360°
Auto flip function	mechanical, digital, off
Proportional pan and tilt	continually decreases pan and tilt speeds in proportion to depth of zoom
Patterns	8 patterns
Presets	256 presets
Home position	included (with multiple park actions)
Tours	up to 8 user programmable guard tours
Supply voltage	24VAC
Power over Ethernet	HiPoE w/o heather function
Blower	yes
Heater	yes
Power consumption	65W
Mounting	optional wall/flush mounting accessories
Temperature range (operation)	-40°C~+50°C
Vandalism resistant	yes
Housing	outdoor
Housing material	metal / plastic
Colour (housing)	RAL 9003
Colour (bubble)	clear
Protection rating	IP66
Management Software Support	www.eneo-security.com/software
SDK	available
ONVIF	yes
Certificates	CE, IK10
Dimensions	see drawing
Weight	2.4kg
Parts supplied	screw set, manual

Optional Accessories

The optional accessories currently available can be found on our Homepages: www.videor.com and www.eneo-security.com

Drawings:



Maße/Dimensions: mm



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V 1.4

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